ZEROXCLUB B01

ZEROXCLUB B01 Wired Backup Camera System with 7-inch Monitor User Manual

Model: B01 | Brand: ZEROXCLUB

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ZEROXCLUB B01 Wired Backup Camera System. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

2. Safety Information

- Ensure the power supply circuit has circuit protection.
- Connect the rear camera to a 12-14V DC circuit only.
- Use insulated tools when working with power supply.
- Use correct safety equipment when working at elevated levels.
- Ensure correct polarity of 12V DC power supply to the camera. Red = Positive, Black = Negative.
- Do not allow water to enter the LCD Display.
- Excessive heat can be caused by a loose connection.
- Always ensure the camera view is clear and unobstructed before backing up.
- This system is an aid and should not replace careful driving and observation.

3. Package Contents

The ZEROXCLUB B01 Wired Backup Camera System package includes the following items:

- 7-inch IPS Monitor
- License Plate Camera
- Power Cord
- Extension Cable
- Car Charger
- Suction Cup Bracket
- User Manual



Figure 3.1: All components included in the ZEROXCLUB B01 package.

4. Product Features

- **Super HD Image Quality:** Reflects true and real-time images with original color. Advanced optical design and image processing provide 1080P resolution on the 7-inch IPS display monitor.
- **Night Vision with LEDs:** For optimal night vision, the camera's LEDs provide necessary illumination in dark environments, ensuring clear visibility behind the vehicle.
- **Excellent IP69K Waterproof:** Designed to withstand extreme weather conditions (rain, snow, dust, high/low temperatures), providing clear images without delay.
- **DIY Installation and Wide Compatibility:** Can be powered by a cigarette lighter for constant use or hardwired into reverse lights for automatic activation. Universal for most vehicles including trailers, trucks, RVs, pickups, vans, SUVs, and campers.
- **Adjustable Parking Grid Lines:** The wired reversing camera allows adjustment of parking grid line width and movement (left/right/up/down) for safe parking. Image flip function is also available.



Figure 4.1: Key features of the 7-inch monitor including 1080P HD image, wide view angle, parking lines, and image adjustment.



Figure 4.2: The camera features advanced color night vision with 6 built-in LED lights for clear images in low-light conditions.



Figure 4.3: The system is compatible with various vehicle types including campers, vans, SUVs, trucks, and pickups.

5. Setup and Installation

5.1. Pre-Installation Test

Before permanent installation, connect all components to ensure they are working properly. When the monitor is powered, the screen should light up and display the camera feed.

5.2. Camera Installation

The camera is designed to be mounted on your vehicle's license plate. There are two primary wiring methods:

1. **Method 1: Powered by Reversing Lights (for Backup Use)**
    - Remove your rear license plate.
    - Mount the camera bracket behind your license plate.
    - Connect the red wire of the camera's power cord to the positive wire of your vehicle's reversing light.
    - Connect the black wire to a negative power source (ground/chassis).
    - Run the camera cable into the trunk, ensuring it is securely routed and protected.
    - The camera will automatically activate when you shift into reverse.
2. **Method 2: Powered by Cigarette Lighter (for Continuous Use)**
    - Mount the camera as described in Method 1.
    - Connect the camera's power cord to the provided car charger adapter.
    - Plug the car charger into your vehicle's 12V cigarette lighter socket.
    - The camera will operate continuously whenever your vehicle is on.

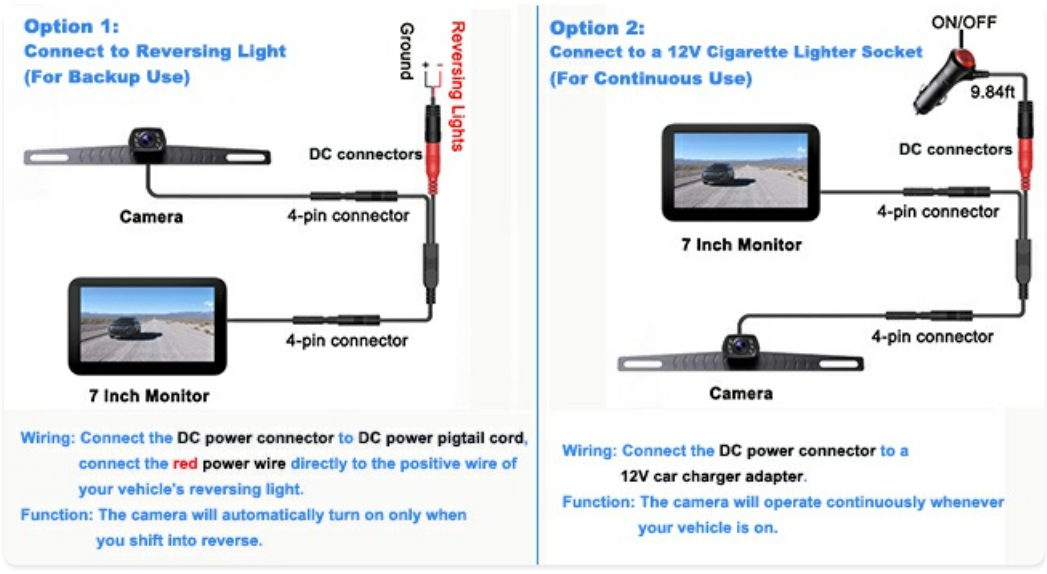


Figure 5.1: Wiring schematics for connecting the camera system via reversing lights or cigarette lighter.

5.3. Monitor Installation

The 7-inch IPS display monitor can be mounted on your dashboard or windshield using the suction cup bracket.

1. Attach the suction cup bracket to the back of the monitor.
2. Clean the desired mounting surface (dashboard or windshield) thoroughly.
3. Press the suction cup firmly against the surface, ensuring no air is trapped underneath, then close the locking lever

to secure it.

4. Adjust the monitor to your desired viewing angle.
5. Connect the monitor cable to the 4-pin connector from the camera.

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Video 5.1: This video demonstrates the proper method for installing a suction cup mount, ensuring a secure attachment to a flat surface.

6. Operating Instructions

6.1. Basic Operation

Once installed and powered, the monitor will automatically display the camera feed when the vehicle is in reverse (if wired to reversing lights) or continuously (if wired to the cigarette lighter).

6.2. Adjusting Parking Grid Lines

The B01 system allows customization of the parking guidelines:

- Press the 'A' button on the monitor to activate parking guidelines.
- Use the menu buttons (M, +, -) to adjust the width, and move the lines left, right, up, or down to fit your vehicle's dimensions and preferences.
- Confirm settings to save changes.



Figure 6.1: Illustration of adjustable parking guidelines on the monitor, showing options to adjust width and position.

6.3. Image Flip Function

The monitor supports image flipping to accommodate different mounting orientations or user preferences (e.g., normal view, mirror view, inverted front image, inverted mirror image).

- Press the 'SEL' button on the monitor to cycle through different image flip options.
- Select the desired orientation for your display.



Figure 6.2: Visual representation of the image flip options available on the monitor.

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Video 6.1: This video demonstrates the mirrored image functionality of the backup camera system.

7. Maintenance

- Regularly clean the camera lens and monitor screen with a soft, damp cloth to ensure clear visibility. Avoid abrasive cleaners.
- Check all cable connections periodically to ensure they are secure and free from damage.
- Ensure the suction cup mount is firmly attached. Re-attach if it becomes loose.
- Protect the monitor from extreme temperatures when not in use, if possible.

8. Troubleshooting

Problem	Possible Cause	Solution
No image on monitor	Loose power connection; Camera or monitor not powered; Faulty cable.	Check all power connections; Ensure vehicle ignition is on (if wired to ACC); Inspect cables for damage.
Flickering or distorted image	Poor cable connection; Electrical interference; Damaged cable.	Secure all connections; Reroute cables away from other electrical wires; Replace damaged cables.
Night vision not clear	Dirty camera lens; Insufficient ambient light.	Clean the camera lens; Ensure LEDs are functioning.
Suction cup not holding	Dirty surface; Incorrect installation.	Clean surface thoroughly; Re-install following proper instructions (press firmly, then lock clip).

9. Specifications

Feature	Detail
Product Dimensions	6.26 x 3.11 x 0.39 inches
Item Weight	1.85 pounds
Item Model Number	B01
Special Features	Waterproof
Display Technology	LCD
Other Display Features	Wired
Color	Jet Black
Manufacturer	ZEROXCLUB
Screen Size	7 Inches
Installation Type	Wired, Aftermarket
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real Angle of View	170 Degrees
Connector Type	4-Pin

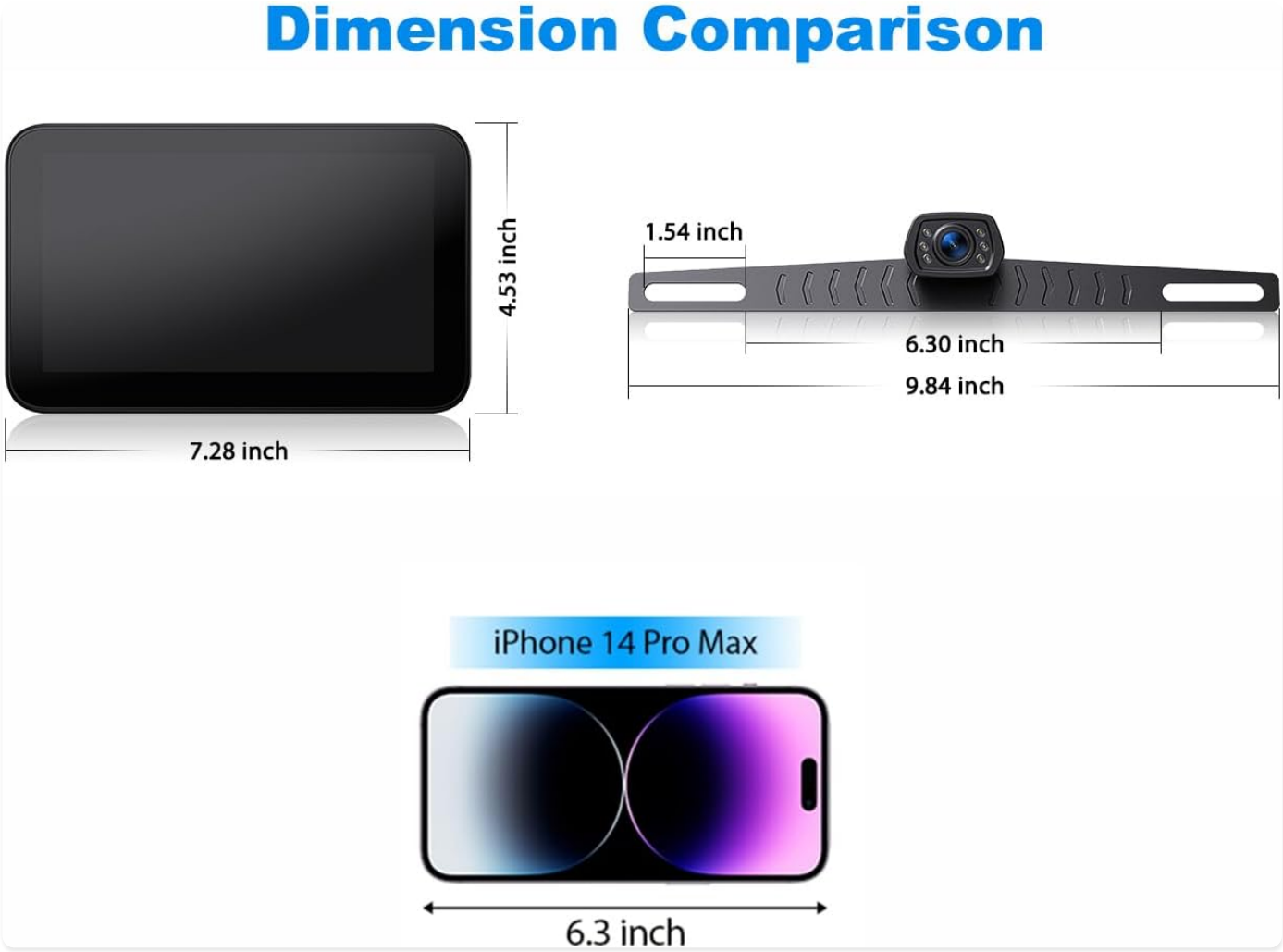


Figure 9.1: Dimensions of the 7-inch monitor and the license plate camera.

10. Warranty and Support

ZEROXCLUB is committed to providing top-tier products and service. We hope every customer has a joyful experience with our system.

- **After-Sales Service:** We offer comprehensive and considerate after-sales service. If you need any help, please contact us.
- **Contact Information:** You can find our contact details in the user manual or through customer questions & answers.
- **Quality Assurance:** Every ZEROXCLUB product undergoes rigorous quality inspection and testing before leaving the factory to ensure perfect condition.

For technical support, please contact us at susanjiing@hotmail.com.

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